Title (en)
NUMERICAL CONTROL UNIT

Title (de)
NUMERISCHE STEUEREINHEIT

Title (fr)
CALCULATEUR NUMERIQUE

Publication
EP 0915403 A1 19990512 (EN)

Application
EP 98911073 A 19980327

Priority
- JP 9801412 W 19980327
- JP 9134997 A 19970327

Abstract (en)
A numerical controller capable of properly determining whether parameters for maintaining safety of a machine have been normally loaded into a RAM of the numerical controller. A first parameter set for a CPU (8) for CNC and a second parameter set for a monitor CPU (2) are stored in an SRAM (9) (Both parameter sets are identical in content). At initialization, the first parameter set is loaded into a RAM (7) for the CPU (8) for CNC, and the second parameter set is loaded into a RAM (1) for the monitor CPU (2). Each of the CPU (8) for CNC and the monitor CPU (2) determines whether the first parameter set in the RAM (7) and the second parameter set in the RAM (1) are identical or not, and only when both of the CPU (8) for CNC and the monitor CPU (2) determine that the two parameter sets are identical, system operation programs are started. <IMAGE>

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G05B 19/406; G05B 19/18

IPC 8 full level
G05B 19/18 (2006.01); **G05B 19/406** (2006.01); **G05B 19/408** (2006.01); **G05B 19/414** (2006.01)

CPC (source: EP)
G05B 19/406 (2013.01); **G05B 19/408** (2013.01); G05B 2219/33119 (2013.01); G05B 2219/33235 (2013.01); G05B 2219/42318 (2013.01)

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DE

DOCDB simple family (publication)
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